

ALBERTA POPULATION GROWTH

THIRD QUARTER, 1986



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ALBERTA POPULATION GROWTH
THIRD QUARTER, 1986

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1. The first part of the report
describes the general situation
of the country and the
main problems which
are facing it. It also
mentions the main
achievements of the
government in the
last few years.
The second part of the
report deals with the
economic situation and
the measures which
are being taken to
improve it. The third
part of the report
deals with the social
situation and the
measures which are
being taken to
improve it. The fourth
part of the report
deals with the
political situation and
the measures which
are being taken to
improve it. The fifth
part of the report
deals with the
cultural situation and
the measures which
are being taken to
improve it. The sixth
part of the report
deals with the
environmental situation
and the measures which
are being taken to
improve it. The seventh
part of the report
deals with the
international situation
and the measures which
are being taken to
improve it. The eighth
part of the report
deals with the
conclusion of the report.

PREFACE

This publication presents up-to-date information on quarterly population estimates and population growth components (births, deaths and migration) for the province of Alberta. These statistics are derived using administrative data files obtained from several government agencies.

Annual revision of the postcensal estimates taking advantage of the most recent data will be incorporated in the first quarter edition. The second quarter report provides an additional section on the age-sex composition of the June population and a description of the methodology in the Appendix.

Data are also computer-accessible via ASIST (Alberta Statistical Information System) matrices #6128, 6130 and 6131. Enquiries concerning the publication or requests for additional copies or previous quarterly reports should be directed to:

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TABLE OF CONTENTS

	<u>PAGE</u>
INTRODUCTION	1
REVIEW OF THE DATA	1

List of Tables and Figures

Tables

1. Population Growth by Major Component, Alberta, 1982 to 1986	7
2. Migration by Component, Alberta, 1984 to 1986	8
3. Population Exchange With Other Provinces, Alberta, 1984 to 1986	9
4. Natural Increase by Component, Alberta, 1984 to 1986 ..	12
5. Population by Age and Sex, Alberta, 1985 and 1986	13

Figures

1. Population Growth with Major Components, Alberta, 1984 to 1986	4
2. Quarterly Interprovincial Migration, Alberta, 1984 to 1986	5
3. Population Exchange, Alberta and Other Provinces, Third Quarter, 1986	6

Appendices

1. Methodology	16
2. Glossary	20

INTRODUCTION

This publication presents estimated population and growth components (births, deaths and migration) for Alberta for the third quarter of 1986. Data on interprovincial migration between Alberta and the other provinces, as well as population by single years of age and sex for June 1985 and 1986 are also presented.

Detailed population statistics are provided in five tables. These tables are accompanied by an analysis of recent trends and by three figures depicting the major growth components, quarterly interprovincial migration and current population exchange between Alberta and the other provinces and territories. A brief description of the methodology and information sources used in deriving the estimates, as well as a glossary of terms, are provided in the appendix.

REVIEW OF THE DATA

The population of Alberta declined in the third quarter of 1986, the first quarterly decrease since 1984. The loss in population was the outcome of higher interprovincial out-migration, a trend which began in the second quarter. Since January of this year, however, the province's population has increased.



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More specifically:

- Population decreased by 1,400 in the third quarter, compared to a growth of 7,000 in the previous quarter (Figure 1 and Table 1).
- The decline in population reflects a loss of 9,200 in the net migration component, the largest net migration loss since the third quarter of 1984, and considerably higher than the net outflow of 1,300 in the second quarter of 1986.
- In terms of interprovincial population exchange, 21,900 people migrated to Alberta from other provinces, while 32,400 people left for other areas of Canada, resulting in a net interprovincial migration loss of 10,500.
- British Columbia provided the most in-migrants (7,560 or 35%), but this was offset by an outflow of 10,570 Alberta residents to B.C. Ontario received the most out-migrants (12,555 or 39%) from Alberta, while providing an in-migration of 5,135 Ontario residents.
- Partially offsetting the net interprovincial outflow of population was net international migration which remained positive, increasing to 1,300 in the third quarter from 1,000 in the previous quarter (Table 2).
- Natural increase (births minus deaths) declined slightly to 7,800 from 8,300 in the second quarter (Table 4).

- For the year ending October 1, 1986, total population increased by 21,600 or .9%, up slightly from the growth of 16,100 or .7 % for the year ending October 1, 1985. Lower net interprovincial losses and higher net international migration were the contributing factors.
- During the past twelve months, 74,000 persons moved to Alberta from other provinces while 86,500 left for other areas of Canada, for a net interprovincial loss of 12,500. These figures compare to interprovincial in-migration of 66,000 in the previous year, out-migration of 83,300, and a net interprovincial loss of 17,300.
- Between October 1, 1985 and October 1, 1986, net international migration was estimated at 4,000 compared to 2,300 recorded in the previous year.
- Natural increase declined slightly from 31,100 for the year ending October 1, 1985, to 30,100 during the past twelve months.

FIGURE 1

POPULATION GROWTH WITH MAJOR COMPONENTS ALBERTA 1984-1986

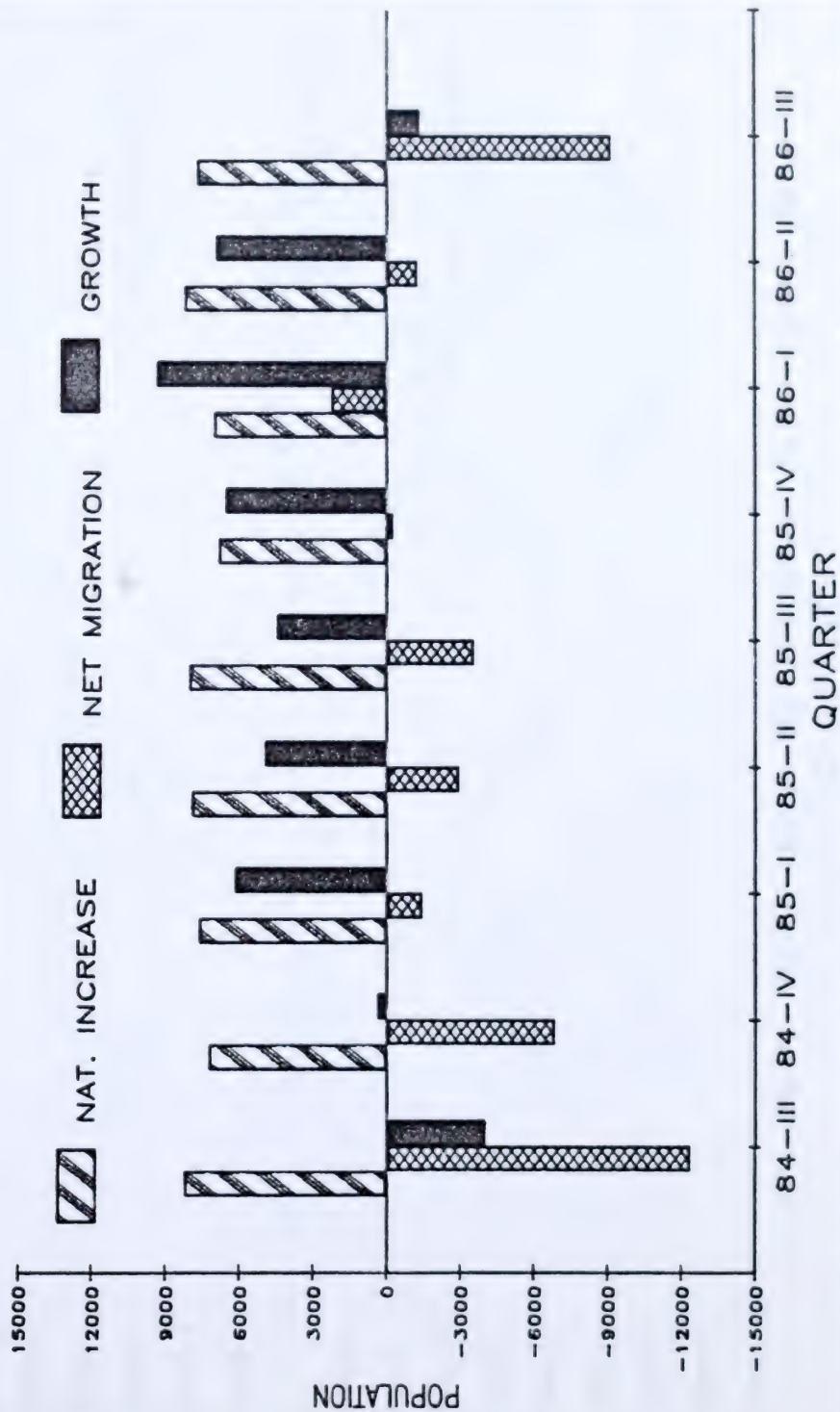


FIGURE 2

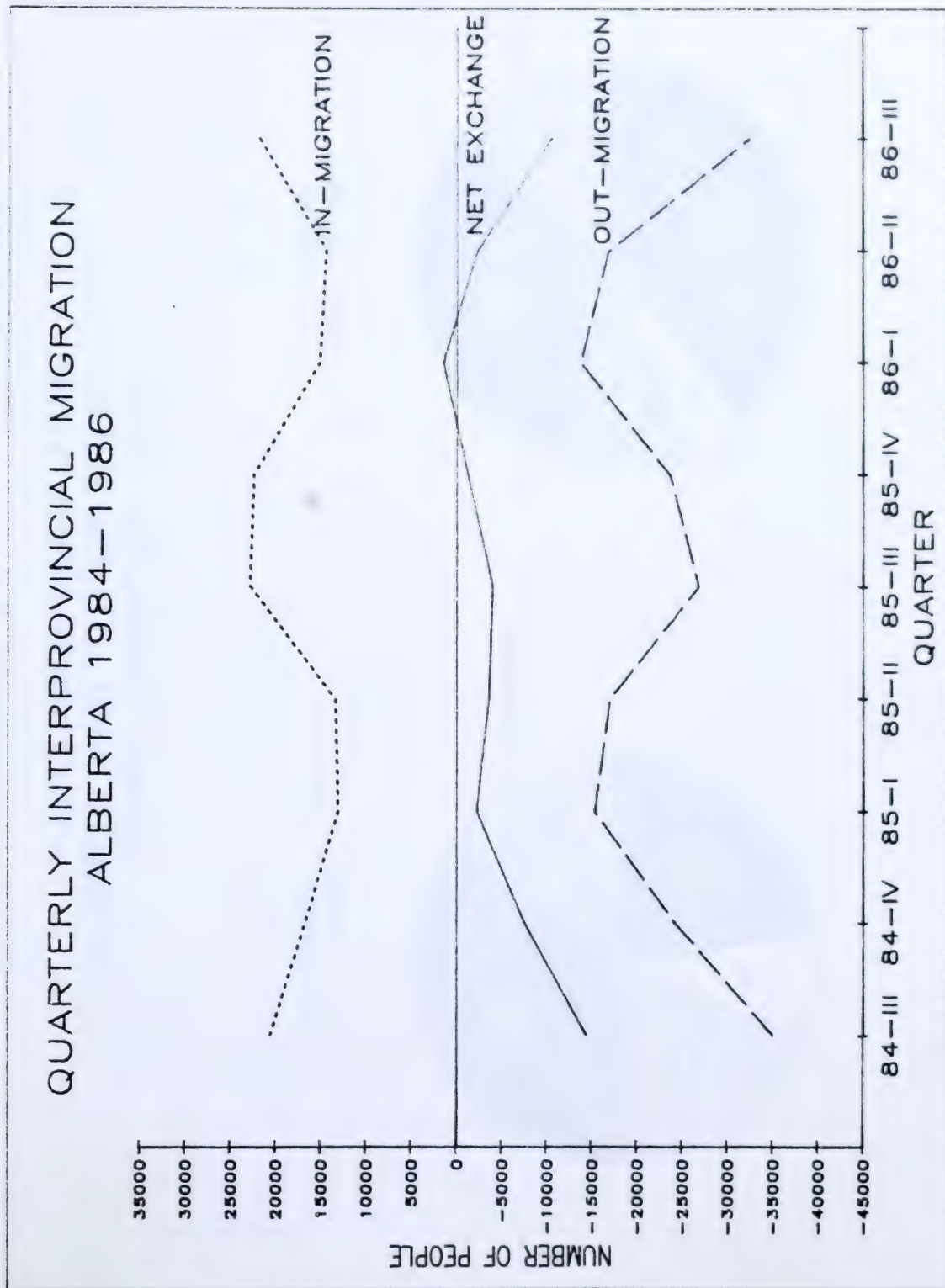
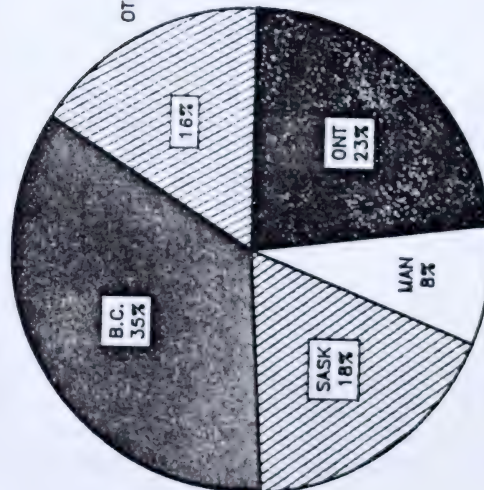


FIGURE 3

POPULATION EXCHANGE ALBERTA AND OTHER PROVINCES THIRD QUARTER 1986

IN-MIGRATION
(21,900 PERSONS)



OUT-MIGRATION
(32,400 PERSONS)

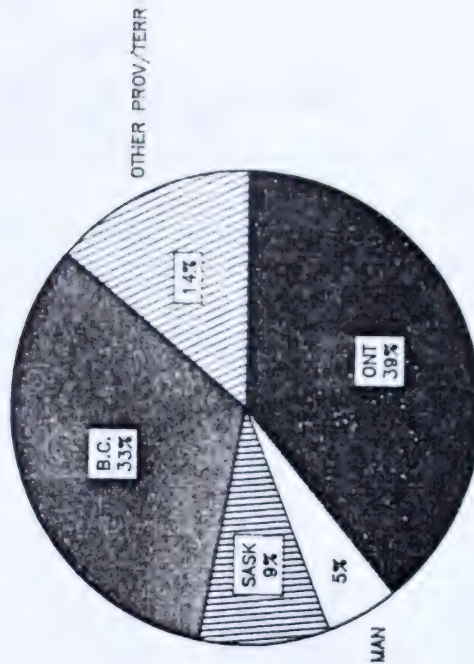


TABLE 1
POPULATION GROWTH BY MAJOR COMPONENT
ALBERTA, 1982 to 1986

Quarter	Natural Increase	Net Migration	Growth	Population	Growth Over Previous Year (%)
<u>1982</u>					
I	7,700	7,100	14,900	2,306,100	3.6
II	8,300	7,900	16,200	2,322,300	3.4
III	8,700	-100	8,500	2,330,800	2.6
IV	7,300	-200	7,100	2,337,900	2.0
TOTAL	32,000	14,700	46,700	2,337,900	2.0
<u>1983</u>					
I	7,900	-2,100	5,800	2,343,700	1.6
II	8,800	-5,300	3,400	2,347,100	1.1
III	8,700	-9,500	-800	2,346,300	0.7
IV	7,500	-5,800	1,700	2,348,100	0.4
TOTAL	32,900	-22,700	10,200	2,348,100	0.4
<u>1984</u>					
I	7,700	-5,900	1,800	2,349,800	0.3
II	8,100	-7,000	1,200	2,351,000	0.2
III	8,300	-12,400	-4,100	2,346,900	0
IV	7,300	-6,900	400	2,347,300	0
TOTAL	31,400	-32,200	-800	2,347,300	0
<u>1985</u>					
I	7,700	-1,500	6,200	2,353,500	0.2
II	8,000	-3,000	5,000	2,358,500	0.3
III	8,100	-3,600	4,500	2,363,000	0.7
IV	6,900	-300	6,600	2,369,600	1.0
TOTAL	30,700	-8,400	22,300	2,369,600	1.0
<u>1986</u>					
I	7,100	2,300	9,400	2,379,000	1.1
II ^r	8,300	-1,300	7,000	2,386,000	1.2
III ^p	7,800	-9,200	-1,400	2,384,600	0.9

Notes: Reference date for population is the first day of the subsequent quarter.

Data may not add to totals due to rounding.

r: revised

p: preliminary

TABLE 2
MIGRATION BY COMPONENT
ALBERTA, 1984 to 1986

Quarter	International			Interprovincial		
	Im- migration	Em- igration	Net	In Migration	Out Migration	Net
<u>1984</u>						
I	2,400	1,300	1,100	7,200	14,300	-7,100
II	3,000	1,500	1,500	8,700	17,200	-8,500
III	3,100	1,100	2,000	20,600	35,000	-14,400
IV	2,200	1,600	600	16,700	24,200	-7,500
TOTAL	10,700	5,500	5,200	53,200	90,600	-37,400
<u>1985</u>						
I	2,000	1,300	700	13,100	15,300	-2,200
II	2,000	1,400	600	13,400	17,000	-3,600
III	2,700	2,300	400	22,800	26,800	-4,000
IV	2,200	1,300	900	22,400	23,600	-1,200
TOTAL	8,900	6,300	2,600	71,700	82,700	-11,000
<u>1986</u>						
I	2,200	1,400	800	15,200	13,700	1,500
II ^r	2,500	1,400	1,000	14,500	16,800	-2,300
III ^p	3,600	2,200	1,300	21,900	32,400	-10,500

Notes: Data may not add to totals due to rounding.
r: revised
p: preliminary

TABLE 3

POPULATION EXCHANGE WITH OTHER PROVINCES
ALBERTA, 1984 to 1986

Quarter	Migration	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	BC	TERR	TOTAL
<u>1984</u>												
I	To Alberta	180	20	150	165	270	1675	610	1100	2825	250	7,200
	From Alberta	205	120	595	280	910	5350	835	1670	4085	220	14,300
	Net Exchange	-25	-100	-445	-115	-640	-3675	-225	-570	-1260	30	-7,100
II	To Alberta	175	95	345	170	310	2040	790	1230	3255	245	8,700
	From Alberta	255	115	875	465	1345	5430	1035	2175	5280	200	17,200
	Net Exchange	-80	-20	-530	-295	-1035	-3390	-245	-945	-2025	45	-8,500
III	To Alberta	450	120	930	830	955	5400	1560	2825	7015	515	20,600
	From Alberta	585	255	1570	1005	2240	12860	1840	3525	10420	690	35,000
	Net Exchange	-135	-135	-640	-175	-1285	-7460	-280	-700	-3405	-175	-14,400
IV	To Alberta	430	75	675	475	890	4080	1155	2220	6260	395	16,700
	From Alberta	440	200	990	730	1390	8200	1430	2820	7595	355	24,200
	Net Exchange	-10	-125	-315	-255	-500	-4120	-275	-600	-1335	40	-7,500
TOTAL	To Alberta	1235	310	2100	1640	2425	13195	4115	7375	19355	1405	53,200
	From Alberta	1485	690	4030	2480	5885	31840	5140	10190	27380	1465	90,600
	Net Exchange	-250	-380	-1930	-840	-3460	-18645	-1025	-2815	-8025	-60	-37,400

See note at end of table.

TABLE 3 (continued)
POPULATION EXCHANGE WITH OTHER PROVINCES
ALBERTA, 1984 to 1986

Quarter	Migration	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	BC	TERR	TOTAL
1985												
I	To Alberta	230	75	515	330	370	3100	830	2115	5285	250	13,100
	From Alberta	275	60	605	415	800	5310	910	1650	4935	305	15,300
	Net Exchange	-45	15	-90	-85	-430	-2210	-80	465	350	-55	-2,200
II	To Alberta	240	50	530	340	345	2525	925	2365	5755	360	13,400
	From Alberta	235	110	595	445	845	5815	1165	1870	5635	315	17,000
	Net Exchange	5	-60	-65	-105	-500	-3290	-240	495	120	45	-3,600
III	To Alberta	505	205	1065	685	750	5115	1905	3855	8025	645	22,800
	From Alberta	510	215	1110	645	1355	9290	1985	2515	8645	535	26,800
	Net Exchange	-5	-10	-45	40	-605	-4175	-80	1340	-620	110	-4,000
IV	To Alberta	505	85	995	480	775	3725	1425	3815	9880	755	22,400
	From Alberta	355	120	715	615	900	7650	1500	3145	8245	360	23,600
	Net Exchange	150	-35	280	-135	-125	-3925	-75	670	1635	395	-1,200
TOTAL	To Alberta	1480	415	3105	1835	2240	14465	5085	12150	28945	2010	71,700
	From Alberta	1375	505	3025	2120	3900	28065	5560	9180	27460	1515	82,700
	Net Exchange	105	-90	80	-285	-1660	-13600	-475	2970	1485	495	-11,000

See note at end of table.

TABLE 3 (concluded)

POPULATION EXCHANGE WITH OTHER PROVINCES
ALBERTA, 1984 to 1986

Quarter	Migration	NFLD	PEI	NS	NB	QUE	ONT	MAN	SASK	BC	TERR	TOTAL
1986												
I	To Alberta	380	65	470	330	355	3430	930	2400	6385	445	15,200
	From Alberta	185	60	365	175	645	4560	755	1800	4925	250	13,700
	Net Exchange	195	5	105	155	-290	-1130	175	600	1460	195	1,500
II^r												
	To Alberta	355	55	480	290	440	3030	995	2595	5835	405	14,500
	From Alberta	295	75	580	325	715	5675	1055	1760	5960	345	16,800
	Net Exchange	60	-20	-100	-35	-275	-2645	-60	835	-125	60	-2,300
III^p												
	To Alberta	460	135	870	605	960	5135	1680	3930	7560	575	21,900
	From Alberta	835	115	1015	680	1445	12555	1810	2830	10570	555	32,400
	Net Exchange	-375	20	-145	-75	-485	-7420	-130	1100	-3010	20	-10,500

Note: Data may not add to totals due to rounding.

Estimates are based on family allowance transfer statistics, Health and Welfare Canada.

r: revised

p: preliminary

TABLE 4
NATURAL INCREASE BY COMPONENT
ALBERTA, 1984 to 1986

Quarter	Births	Deaths	Natural Increase
<u>1984</u>			
I	10,900	3,200	7,700
II	11,300	3,200	8,100
III	11,300	3,000	8,300
IV	10,500	3,200	7,300
TOTAL	44,000	12,600	31,400
<u>1985</u>			
I	11,000	3,300	7,700
II	11,300	3,300	8,000
III	11,300	3,200	8,100
IV	10,400	3,500	6,900
TOTAL	44,000	13,300	30,700
<u>1986</u>			
I	10,600	3,500	7,100
II ^r	11,700	3,400	8,300
III ^p	11,100	3,400	7,800

Notes: Data may not add to totals due to rounding.
r: revised
p: preliminary

TABLE 5

POPULATION BY AGE AND SEX
ALBERTA, 1985 and 1986

Age	June 1, 1985			June 1, 1986		
	Male	Female	Total	Male	Female	Total
0	20,100	19,300	39,400	20,400	19,300	39,700
1	22,200	21,100	43,300	21,900	21,000	42,900
2	21,800	20,700	42,500	22,100	20,900	43,000
3	21,000	20,200	41,200	21,600	20,300	42,000
4	20,500	19,300	39,800	20,800	20,000	40,800
0-4	105,600	100,500	206,100	106,800	101,500	208,300
5	19,800	18,700	38,400	20,200	19,100	39,300
6	19,200	18,200	37,400	19,600	18,600	38,100
7	18,900	17,700	36,600	19,000	18,100	37,100
8	18,700	17,800	36,500	18,800	17,500	36,300
9	18,500	17,600	36,100	18,500	17,600	36,100
5-9	95,000	89,900	185,000	96,000	90,900	186,900
10	18,000	17,100	35,100	18,400	17,400	35,800
11	17,500	16,700	34,200	17,900	17,000	34,900
12	18,000	16,900	34,800	17,400	16,600	34,000
13	18,300	17,100	35,300	17,800	16,800	34,600
14	19,200	18,000	37,200	18,300	17,000	35,300
10-14	91,000	85,800	176,700	89,700	84,900	174,700
15	18,800	18,000	36,800	19,100	17,900	37,100
16	18,200	17,500	35,700	18,800	18,000	36,800
17	18,500	17,600	36,100	18,200	17,600	35,800
18	18,900	18,400	37,400	18,800	18,200	36,900
19	19,500	19,400	38,900	19,500	19,400	38,800
15-19	93,900	90,900	184,900	94,400	91,100	185,400
20	21,500	21,900	43,400	20,200	20,200	40,400
21	20,900	22,400	43,400	20,000	21,500	41,500
22	23,000	24,600	47,500	22,600	23,500	46,000
23	23,900	25,400	49,200	23,900	25,000	48,800
24	25,200	26,000	51,300	24,500	25,500	50,000
20-24	114,400	120,300	234,700	111,100	115,600	226,800
25	26,200	26,300	52,500	25,500	25,900	51,500
26	26,400	26,200	52,600	26,500	26,200	52,700
27	26,900	26,000	52,800	26,500	25,900	52,300
28	26,600	25,400	51,900	26,800	25,600	52,400
29	26,100	24,900	51,000	26,300	25,100	51,300
25-29	132,100	128,800	260,900	131,600	128,700	260,200
30	25,700	23,900	49,600	25,800	24,600	50,400
31	24,300	23,100	47,400	25,500	23,700	49,200
32	23,100	21,700	44,800	24,100	22,800	46,900
33	21,500	20,100	41,500	22,900	21,500	44,400
34	20,700	19,600	40,400	21,300	19,900	41,100
30-34	115,300	108,400	223,700	119,600	112,400	232,100
35	20,200	18,800	39,000	20,400	19,400	39,800
36	19,200	18,200	37,400	19,900	18,600	38,500
37	19,200	18,600	37,800	19,000	18,000	37,000
38	19,000	18,500	37,400	19,000	18,400	37,400
39	15,500	14,900	30,400	18,800	18,300	37,100
35-39	93,100	89,000	182,100	97,100	92,700	189,800
40	14,900	14,300	29,200	15,300	14,800	30,100
41	14,500	13,700	28,300	14,800	14,100	29,000
42	14,000	13,500	27,600	14,500	13,700	28,100
43	12,900	12,300	25,200	13,900	13,400	27,300
44	12,500	11,900	24,400	12,800	12,100	25,000
40-44	68,900	65,800	134,600	71,300	68,200	139,500

See note at end of table.

TABLE 5 (continued)

POPULATION BY AGE AND SEX
ALBERTA, 1985 and 1986

Age	June 1, 1985			June 1, 1986		
	Male	Female	Total	Male	Female	Total
45	12,000	11,300	23,300	12,300	11,800	24,200
46	11,400	10,900	22,200	11,900	11,200	23,100
47	11,100	10,500	21,500	11,300	10,800	22,100
48	10,700	10,300	21,000	10,900	10,400	21,300
49	10,800	10,400	21,200	10,600	10,200	20,800
45-49	56,000	53,300	109,200	57,100	54,500	111,600
50	10,600	10,000	20,600	10,700	10,300	21,000
51	10,400	9,600	20,000	10,500	9,900	20,500
52	10,600	9,800	20,500	10,300	9,600	19,900
53	10,300	9,600	19,900	10,500	9,800	20,300
54	10,400	9,600	20,000	10,200	9,500	19,700
50-54	52,300	48,600	100,900	52,300	49,100	101,400
55	10,300	9,700	20,000	10,200	9,500	19,800
56	9,600	9,100	18,700	10,100	9,600	19,800
57	9,300	9,000	18,300	9,500	9,000	18,500
58	8,900	8,800	17,700	9,200	8,800	18,100
59	8,600	8,700	17,400	8,800	8,700	17,500
55-59	46,800	45,200	92,000	47,900	45,700	93,600
60	8,200	8,400	16,600	8,500	8,600	17,100
61	7,800	8,400	16,200	8,000	8,300	16,400
62	7,500	8,200	15,700	7,700	8,300	15,900
63	7,500	8,300	15,700	7,300	8,100	15,400
64	7,200	7,500	14,800	7,400	8,200	15,600
60-64	38,200	40,900	79,100	38,900	41,500	80,500
65	6,900	7,600	14,500	7,000	7,500	14,500
66	5,800	6,700	12,500	6,700	7,600	14,400
67	5,700	6,400	12,100	5,700	6,600	12,400
68	5,500	6,300	11,800	5,600	6,300	11,900
69	5,300	6,200	11,500	5,300	6,200	11,600
65-69	29,200	33,200	62,400	30,300	34,300	64,700
70	5,300	6,200	11,500	5,200	6,100	11,300
71	4,800	6,000	10,800	5,100	6,100	11,200
72	4,500	5,500	9,900	4,700	5,900	10,600
73	4,100	5,000	9,100	4,300	5,300	9,600
74	3,900	4,700	8,600	4,000	4,900	8,900
70-74	22,600	27,300	49,900	23,300	28,300	51,700
75	3,600	4,500	8,100	3,700	4,600	8,200
76	3,300	4,200	7,500	3,400	4,400	7,800
77	3,100	4,000	7,100	3,200	4,100	7,200
78	2,800	3,700	6,500	2,900	3,900	6,800
79	2,600	3,300	6,000	2,600	3,600	6,200
75-79	15,500	19,700	35,200	15,800	20,500	36,200
80	2,400	3,200	5,700	2,400	3,200	5,600
81	2,200	2,900	5,100	2,200	3,100	5,300
82	1,900	2,500	4,400	2,000	2,700	4,700
83	1,600	2,200	3,800	1,700	2,400	4,100
84	1,400	2,100	3,500	1,400	2,000	3,500
80-84	9,600	12,800	22,400	9,800	13,500	23,300
85	1,200	1,900	3,100	1,300	1,900	3,200
86	900	1,600	2,500	1,000	1,800	2,800
87	800	1,400	2,200	800	1,500	2,300
88	700	1,200	1,800	700	1,200	1,900
89	600	1,000	1,600	500	1,100	1,600
85-89	4,100	7,100	11,200	4,300	7,500	11,800
90+	2,100	4,000	6,100	2,100	4,100	6,300
TOTAL	1,185,700	1,171,500	2,357,200	1,199,600	1,185,100	2,384,700

Note: Age and sex distributions are based on Alberta Health Care Registrations.
Data may not add to totals due to rounding.

APPENDIX I

METHODOLOGY

Introduction

Since 1977 the Alberta Bureau of Statistics has prepared quarterly population estimates to provide up-to-date information on Alberta's population. These estimates are derived using information from administrative data files obtained from the following government agencies:

- 1) birth and death registrations data from Vital Statistics Section, Community and Occupational Health;
- 2) family allowance transfer counts from Income Security Branch, Health and Welfare Canada;
- 3) immigration statistics from Employment and Immigration Canada;
- 4) migration adjustment factors and population estimates for other provinces from Demography Division, Statistics Canada; and
- 5) health care registration data from Alberta Hospitals and Medical Care.

The final estimates are produced using a component method. The following is a brief description of the methodology used in estimating each of the population growth components and the distribution by age and sex. A more detailed discussion of the methodology and the procedures is provided annually in the second quarter edition.

The Component Method

The Component method of estimating quarterly population growth employs the population of a previous quarter as a base, adds the natural increase plus net migration to derive the population estimates for the following quarter. Natural increase is obtained by subtracting deaths from births. Net migration is obtained by aggregating net interprovincial (in-migration minus out-migration) and net international migration (immigration minus emigration). These are then combined to derive an estimate of population growth.

Natural Increase

Natural increase is calculated as the difference between the number of births and the number of deaths that occurred during a specific quarter. Preliminary estimates on births and deaths are produced using birth and death rates. The average quarterly crude birth rate and the crude death rate of the preceding year are applied to the estimated provincial population at the beginning of the period to derive the estimated number of births and deaths. These estimates will be replaced by actual counts in a subsequent quarterly report when final vital statistics data are available from Vital Statistics Branch, Community and Occupational Health.

Interprovincial Migration

To estimate interprovincial migration, family allowance transfer of accounts are used in conjunction with the latest adjustment factors and child-adult ratios. Since family allowance cheques are mailed to recipient families monthly, there is incentive for

these families to report any change in their address. The time lag in reporting is usually very small. Family allowance transfer of accounts data are fairly complete in the coverage of the movements of children among the provinces, although limited by the shortcomings associated with administrative data files such as mis-reporting and reporting delays. The procedures used in estimating interprovincial migration for Alberta have been improved by incorporating new findings from tax records migration data. Net interprovincial migration is derived as the balance of in-migration and out-migration.

Immigration

The estimation of immigration is first produced on a preliminary basis and then revised when immigration statistics are available. Preliminary estimates are derived taking into consideration the expected number of immigrants to be admitted to Canada in a certain year as announced by Employment and Immigration Canada. Based on the immigration records for the previous year, a ratio is derived to estimate Alberta's share of immigrants.

Previous immigration statistics for Alberta are used to develop the appropriate quarterly ratio allocation of these immigrants. This ratio is applied to the annual number of immigrants expected to arrive in Alberta to obtain the quarterly immigration estimate.

Revised estimates on the number of immigrants coming to Alberta are based on immigration statistics supplied by Employment and Immigration Canada. These statistics are compiled from immigration papers which each immigrant submits to the Canadian authority at the port of entry. These revised figures can be obtained by the subsequent quarter and will replace the preliminary estimate.

Emigration

Emigration estimates are derived from a method developed by Statistics Canada in which an adjustment factor is developed from emigration information retrieved from personal income tax files. This adjustment factor is applied to the number of family allowance accounts which have been transferred out of the country during the quarter to obtain the emigration estimate. An adult-child ratio based on health care registration records for Alberta is then applied to estimate the number of adult emigrants. The sum of estimated adult emigrants and the number of child emigrants, as indicated by family allowance data, equals the total number of estimated emigrants.

Age-Sex Structure

Age and sex distributions for the January 1 and June 1 estimated population are derived by applying the proportionate age and sex distributions as recorded in the Alberta Health Care Insurance Plan (AHCIP) Master Registration File for the same quarter to the estimated total population of Alberta. Although the health care records are subject to certain limitations such as reporting error, time lags and administrative changes, the age and sex distributions of registrants are generally useful in reflecting the most current age-sex structure of the Alberta population.

GLOSSARY

Birth rate, or crude birth rate - the number of births in a year divided by the total population.

Death rate, or crude death rate - the number of deaths in a year divided by the total population.

Emigration - the migration of population out of a country to another country.

Immigration - the migration of population into a country from another country.

In-migration - the migration of population into a geographical area from another area.

Migration - a permanent change of residence from one geographical area to another.

Natural Increase - the net contribution of births less deaths to population change.

Net Migration - the difference between in-migration and out-migration for a geographical area.

Out-migration - the migration of population out of a geographical area.

